

101386-MEC-CW-E-2006
Lead Mechanical / Piping Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 11 years of construction experience in Project field with a varies types of Power Plant, Simple Cycle, Combined Cycle, Thermal Power Plants & EPC Projects.

PERSONAL DATA

Nationality : Egyptian
Birth Year : 1983
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Arab Academy for Science and Technology and Maritime Transport, 2006

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Power Point), Internet
: AutoCAD 2D, 3D
: PRIMAVERA 6

TRAINING COURSES AND CERTIFICATIONS

: Trained at Amreya Oil Refining Company (from Jun. till Aug. 2005).
: Trained at KOMATSU Group ETM (from Jun. till Aug. 2004).
: PMP preparation course.
: PRIMAVERA 6.
: OSHA General & Construction.
: Risk Assessment.
: Environment Management System Lead Auditor ISO 14001.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2015 till now
Employer : ELSEWEDY ELECTRIC PSP
Project : Beni Suef Combined Cycle 4800MW (EPC contract)
Job title : Lead Mechanical Engineer
Job Description :

- Technical review for the Mechanical Scope.
- Determine and prepare RFQ & D.O.R.
- Determine sub-contractor scope of work.
- Evaluating Sub contractor.
- Negotiation with Subcontractors during bidding Phase.
- Reviewing and assist in contractual documents.
- Coordination between Design and Technical Team.
- Collaborate with team of designers to complete all mechanical capital projects and provide all engineering support.
- Provide support to all purchase activities and offers technical review.
- Coordinate with various teams to administer all assignments.
- Provide support to all purchase activities (offers technical evaluation).
- Reviewing schedule breakdown all over the project.
- Organize, monitor and follow-up to subcontractors during Execution phases.

Dates : From May 2015 till Aug. 2015
Employer : ELSEWEDY ELECTRIC PSP
Project : ATTAQA Simple Cycle Power Plant 650MW (EPC contract)
Job title : Lead Mechanical Engineer
Job Description :

- Responsible for B.O.P.
- Supervising and monitoring sub contractor.
- Preparing schedule and follow up the accomplishment.
- Providing backup plans.
- Coordination between Engineering Technical office and execution in site.
- Solving Technical Problem.
- Follow up the MTS.
- Coordination between sub-contractors of different scope (mech., elec., I&C & commissioning).
- Checking for Construction activity according to contract specification and Technical Specification.

Dates : From Apr. 2014 till May 2015
Employer : Power System Projects
Project : Al-Diwanyia Power Station 125MWx4 (GE Turbines 9E) EPC
Job title : Lead Mechanical Engineer
Job Description :

- Planning for manpower & equipment & tools over Project schedule.
- Preparing direct and indirect manpower (Interviewing and follow-up hiring process).
- Preparing activity breakdown over Project schedule.
- Conducting coordination and follow up meeting with diff. departments (Construction, Technical, Planning, QC).

- Follow up the Distribution of manpower & equipment with site Engineers and Staff.
- Checking & reviewing the Daily Reports.
- Monitoring & follow up progress activity.
- Solving site technical construction problems.
- Checking for Construction activity according to contract specification and Technical Specification.
- Follow for (first fire) activity.
- Coordination between Construction activities and commissioning activities.
- Coordinating with GE Technical Advisor.
- Coordinating with other contractors.
- Supervising the activities of the subcontractors.

Dates : From Dec. 2013 till Apr. 2014
Employer : ELSEWEDY ELECTRIC PSP
Project : PSP Administration Building (MEP)
Job title : Lead Mechanical Engineer
Job Description :

- Representing in the weekly meetings.
- Preparing activity breakdown over project schedule.
- Planning and cost estimation for project manpower.
- Follow up progress activity.
- Replaying for disputes and claims.
- Conducting the (Coordination and progress meetings).
- Solving site technical construction problems.

Dates : From Sep. 2012 till Dec. 2013
Employer : ELSEWEDY ELECTRIC PSP
Project : EI-AIN SOKHNA Super Critical Power Plant Units 1 & 2 (2x650MW Gas/Oil Fired Units)
Job title : Lead Mechanical Engineer
Job Description :

- Representing the daily and the weekly progress report.
- Representing in the daily and the weekly meetings.
- Monitoring and follow up sit activities with Construction Team.
- Planning and cost estimation for project manpower.
- Standard project reports to monitor schedule progress, expenditures and variances follow up technical reports.
- Follow up Disputes letters and claims.

Dates : From Aug. 2011 till Sep. 2012
Employer : MEGA for Construction and Industries
Project : ABU QIR Thermal Power Plant Units 6 & 7 (2x650MW Gas/Oil Units)
Job title : Lead Mechanical Engineer
Job Description :

- Planning and cost estimation for project manpower.
- Fabrication, erection of fire fighting system in boilers 6 & 7.
- Preparing of Test package and Hydro test for the system.
- Punch list activity.

Dates : From Feb. 2011 till Sep. 2011
Employer : MEGA for Construction and Industries
Project : Damietta Power Station Simple Cycle 500MW
Job title : Senior Mechanical Engineer
Job Description :

- Assembly and erection of air inlet system (air filter) in the four turbines of the project.
- Assembly erection of fin fane cooler in two turbines.
- Assembly and erection of steel structure & enclosure for GT & Generator in two turbines.
- Fabrication and erection of fire fighting system for GT (dry system CO2).
- Skids Erection and Fixation.
- Punch list activity.

Dates : From Nov. 2009 till Jan. 2011
Employer : MEGA for Construction and Industries
Project : Sidi Krir Power Station Combined Cycle 750MW
Job title : Senior Mechanical Engineer
Job Description :

- Fabrication, erection, fit-up check and welding for piping lines (BOP).
- Fabrication, erection of firefighting system and hydro test.
- Heat treatment of alloy steel pipes and hydro tests.
- Critical piping & supports.
- Punch list activities.
- Cost estimation for new quantity added to contract Workshop Engineer: piping spool fab.

Dates : From Apr. 2007 till Oct. 2009
Employer : Egyptian Army
Project : Borg El-Arab Stadium Project
Job title : First Lieutenant
Job Description :

- Reserve Officer in sector one prefabricated building factory.
- Heavy Equipment Officer.
- Supervisor Officer on the prefabricated building factory.
- Supervisor Officer on fire insurance projects.
- Supervisor Officer for maintenance projects.

Dates : From Jul. 2006 till Mar. 2007
Employer : M.Z. Construction Company
Job title : Maintenance Engineer
Job Description : Supervising maintenance of Crane, Fork lifts, Dampers.

Field of experience :

- Ensure adherence to all health and safety (zero harm policies) standards and report issues.
- Ensure quality control & assurance is complied with Project scope, client requirement & company aspects, Familiar with international codes and standard (ASME B31.1, ASME B31.3, ASME1, ASME9, API, AWS and NFPA).
- Ensure that all the required Corrective & preventive measure are taken

to accomplish the product with minimum NCR.

- Ensure all changes to specifications, work scope and drawings are documented.
- Ensure that documentation for all construction phases is recorded.
- Ensure that all Construction activity are according to contract specification and Technical Specification.
- Documentation complies supporting document for all construction phases.
- Negotiating contracts with subcontractor/external vendors to reach profitable agreements.
- Procurement follow-up and technical Clarification advices.
- Determine needed resources (manpower, equipment and materials) from start to finish with attention to budgetary limitation.
- Plan all construction operations and schedule intermediate phases to ensure deadlines will be met.
- Managing project risks, including the development of contingency plans.
- Develop short to medium term plans (6-12 months) that are comprehensive, realistic and effective in achieving the set objectives.
- Think ahead and identifies hidden barriers and problems which will affect the completion of the work plan.
- Monitor the progress of plans and makes adjustments when necessary.
- Hire contractors and other staff and allocate responsibilities.
- Sets enhanced objectives for self and others.
- Provide recommendations to individuals and teams on ways to improve performance and meet defined objectives.
- Define clear roles & responsibilities and deliverable requirements in terms of both scope and schedule to all the team members.
- Delegate responsibility and reallocates resources as needed to ensure that priorities are met for initiatives within area of responsibility.
- Use process improvement to manage work and streamline processes promotes performance excellence to meet and exceed standards continually analyses and modifies current procedure to enhance quality.
- Direct Supervision for Mechanical construction of GTs, HRSGs, STs, Steel structure, Pipe racks, Piping, Supports Equipment installation (static & rotary) and Tanks, fabrication and erection.